

Table 1

| Exploration session | Metric | ANOVA Statistics |
|---------------------|---|-----------------------------|
| All Sessions | Delta Power time window comparison | $F_{8.5} = 1.01, p = 0.43$ |
| All Sessions | Theta Power time window comparison | $F_{8.5} = 1.76, p = 0.12$ |
| All Sessions | Beta1 Power time window comparison | $F_{8.5} = 0.69, p = 0.67$ |
| All Sessions | Beta2 Power time window comparison | $F_{8.5} = 2.75, p = 0.02$ |
| All Sessions | LowG Power time window comparison | $F_{8.5} = 2.18, p = 0.06$ |
| Open Field 1 | Beta2 Power time window comparison | $F_{3.8} = 4.14, p = 0.01$ |
| Open Field 2 | Beta2 Power time window comparison | $F_{3.8} = 6.21, p = 0.003$ |
| Object 1 | Beta2 Power time window comparison | $F_{3.6} = 3.79, p = 0.02;$ |
| Object 2 | Beta2 Power time window comparison | $F_{3.6} = 3.03, p = 0.055$ |

Table 1 – Table of statistics related to figure 1. Descriptive statistics and comparisons with different sessions spectral power values and beta2 power time windows. Black: Significant p values, Red: non-significant p values.